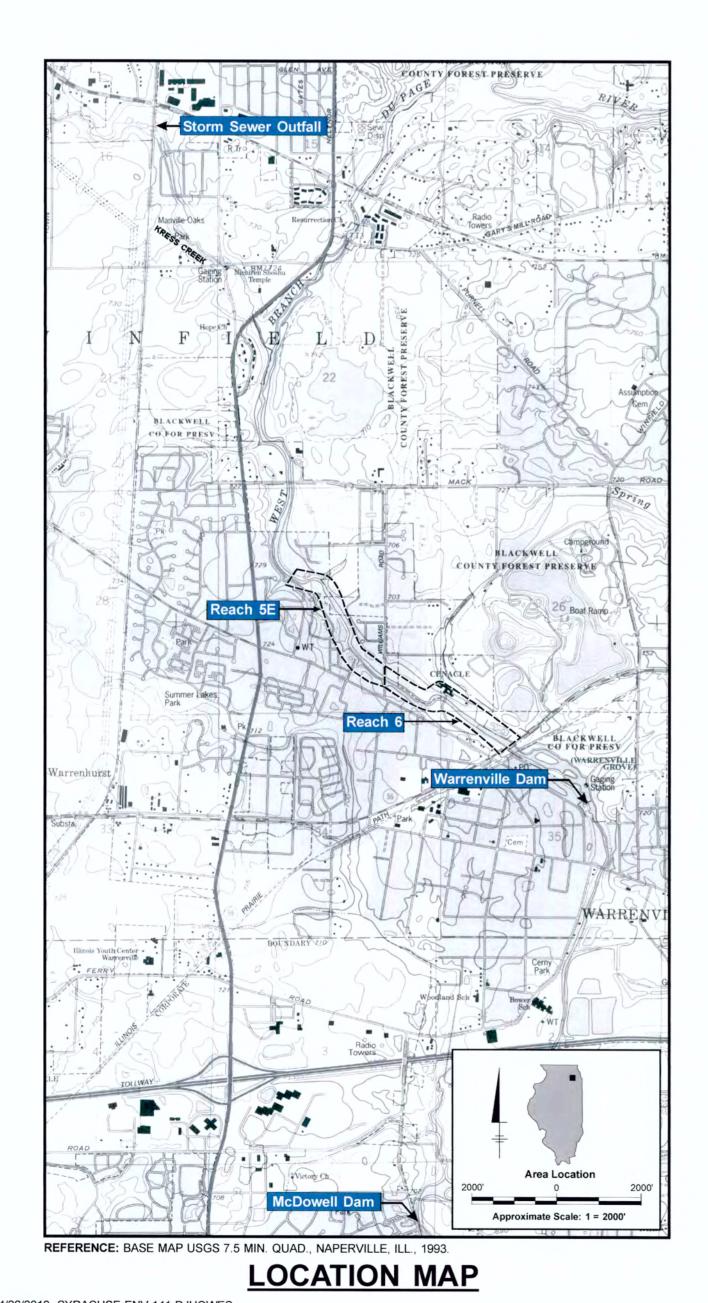
### **ARCADIS**

Appendix J

**Record Drawings** 

# RECORD DRAWINGS REMEDIAL ACTION FOR REACHES 5E AND 6 KRESS CREEK/WEST BRANCH Dupage River Site



MARK ONEY

CHANGO IN THE OF ILLINO STATE OF IL

**ARCADIS** 

DuPAGE COUNTY, IL

RELEASED: OCTOBER 2009

REVISED: JUNE 2010

## RECORD DRAWINGS

TO THE BEST OF OUR KNOWLEDGE,
INFORMATION AND BELIEF, THESE RECORD
DRAWINGS SUBSTANTIALLY REPRESENT
THE PROJECT AS CONSTRUCTED

DATE 6/14/10 BY MOG

SITE PLAN WITH WETLAND BOUNDARIES - REACH 5E NORTH

INDEX OF DRAWINGS

TRONOX LLC

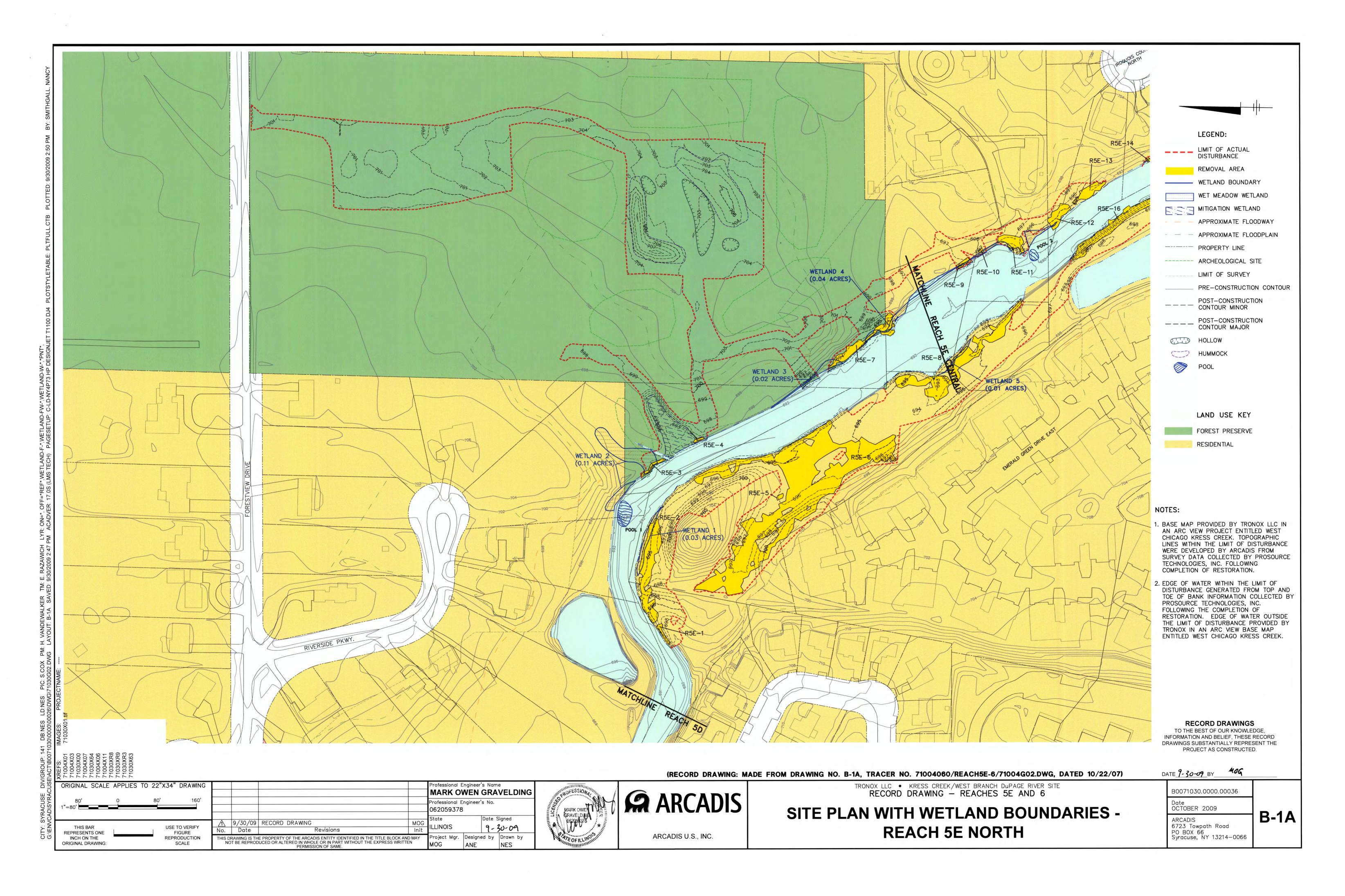
SITE PLAN WITH WETLAND BOUNDARIES - REACH 5E CENTRAL SITE PLAN WITH WETLAND BOUNDARIES - REACH 5E SOUTH, REACH 6 NORTH SITE PLAN WITH WETLAND BOUNDARIES - REACH 6 CENTRAL SITE PLAN WITH WETLAND BOUNDARIES - REACH 6 SOUTH TRANSECT LOCATIONS AND EXISTING CHANNEL PLAN AND PROFILE - REACH 5E TRANSECT LOCATIONS AND EXISTING CHANNEL PLAN AND PROFILE - REACH 6 TYPICAL BANK RESTORATION DETAILS TYPICAL STREAM ENHANCEMENT STRUCTURE DETAILS RESTORATION APPLICATIONS - REACH 5E NORTH RESTORATION APPLICATIONS - REACH 5E CENTRAL RESTORATION APPLICATIONS - REACH 5E SOUTH, REACH 6 NORTH RESTORATION APPLICATIONS - REACH 6 CENTRAL **RESTORATION APPLICATIONS - REACH 6 SOUTH** VEGETATION RESTORATION PLAN - REACH 5E NORTH VEGETATION RESTORATION PLAN - REACH 5E CENTRAL VEGETATION RESTORATION PLAN - REACH 5E SOUTH, REACH 6 NORTH VEGETATION RESTORATION PLAN - REACH 6 CENTRAL

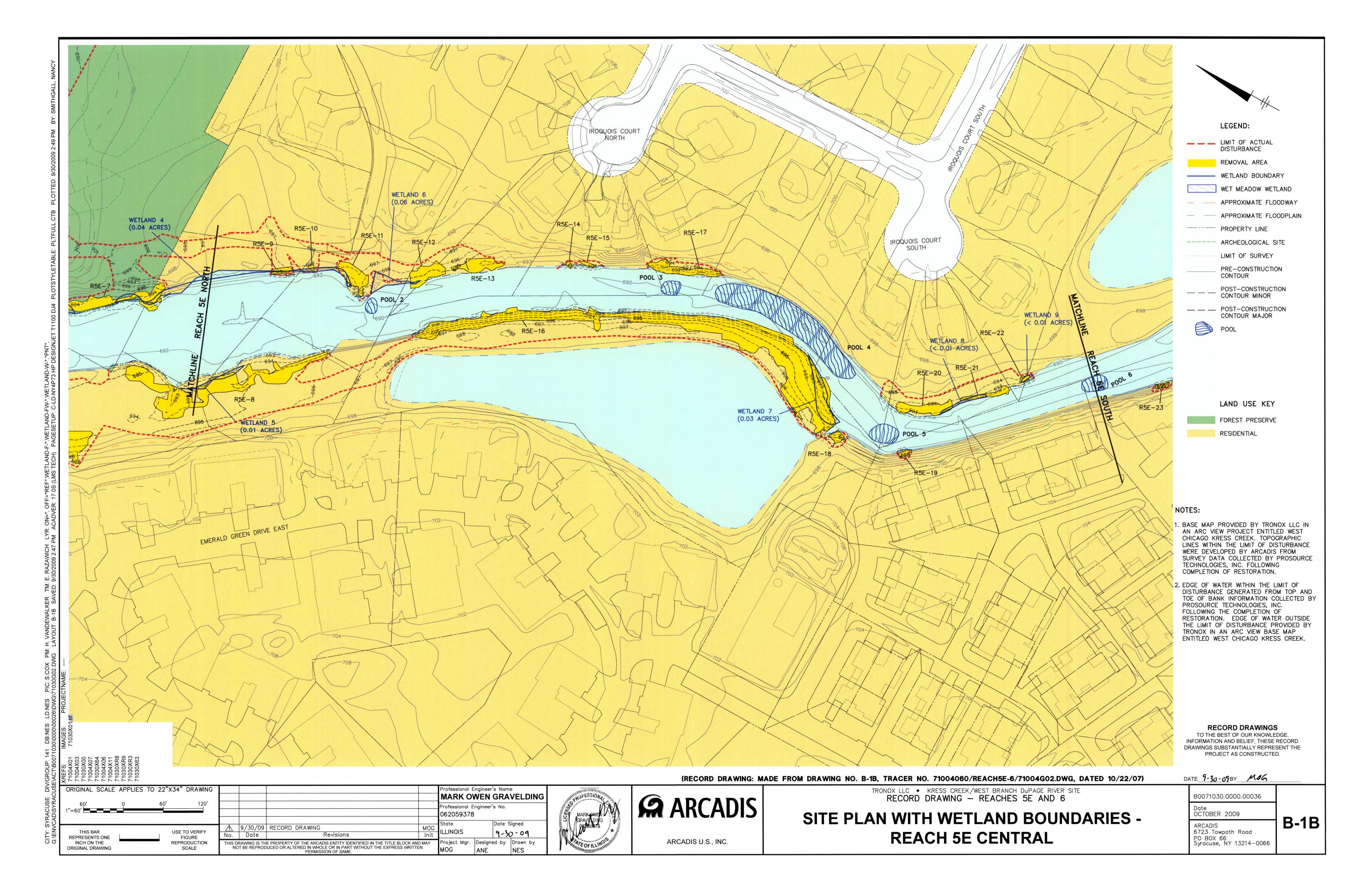
VEGETATION RESTORATION PLAN - REACH 6 SOUTH

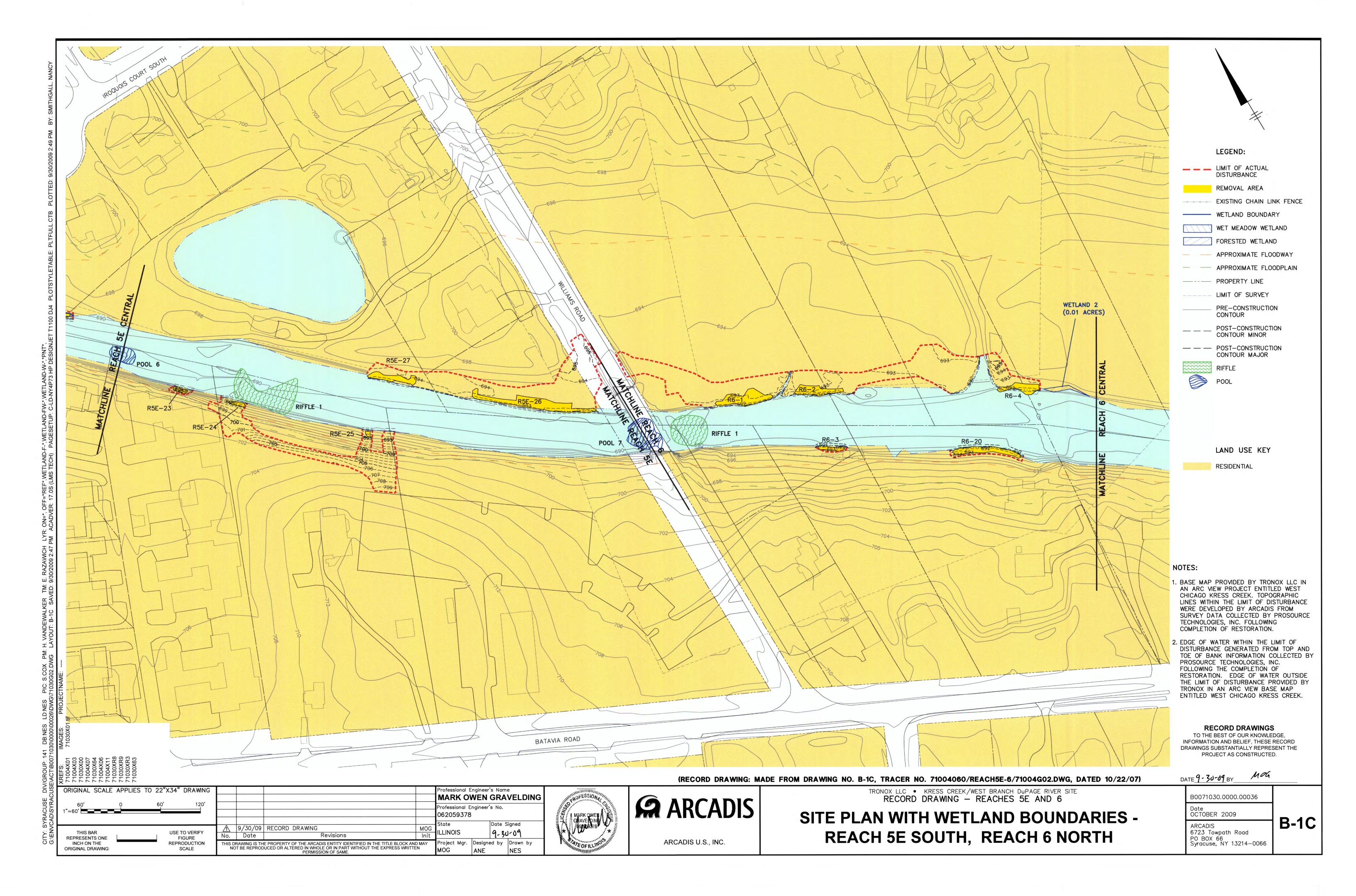
B-13B VEGETATION SPECIFICATION SUMMARY TABLES - REACH 6

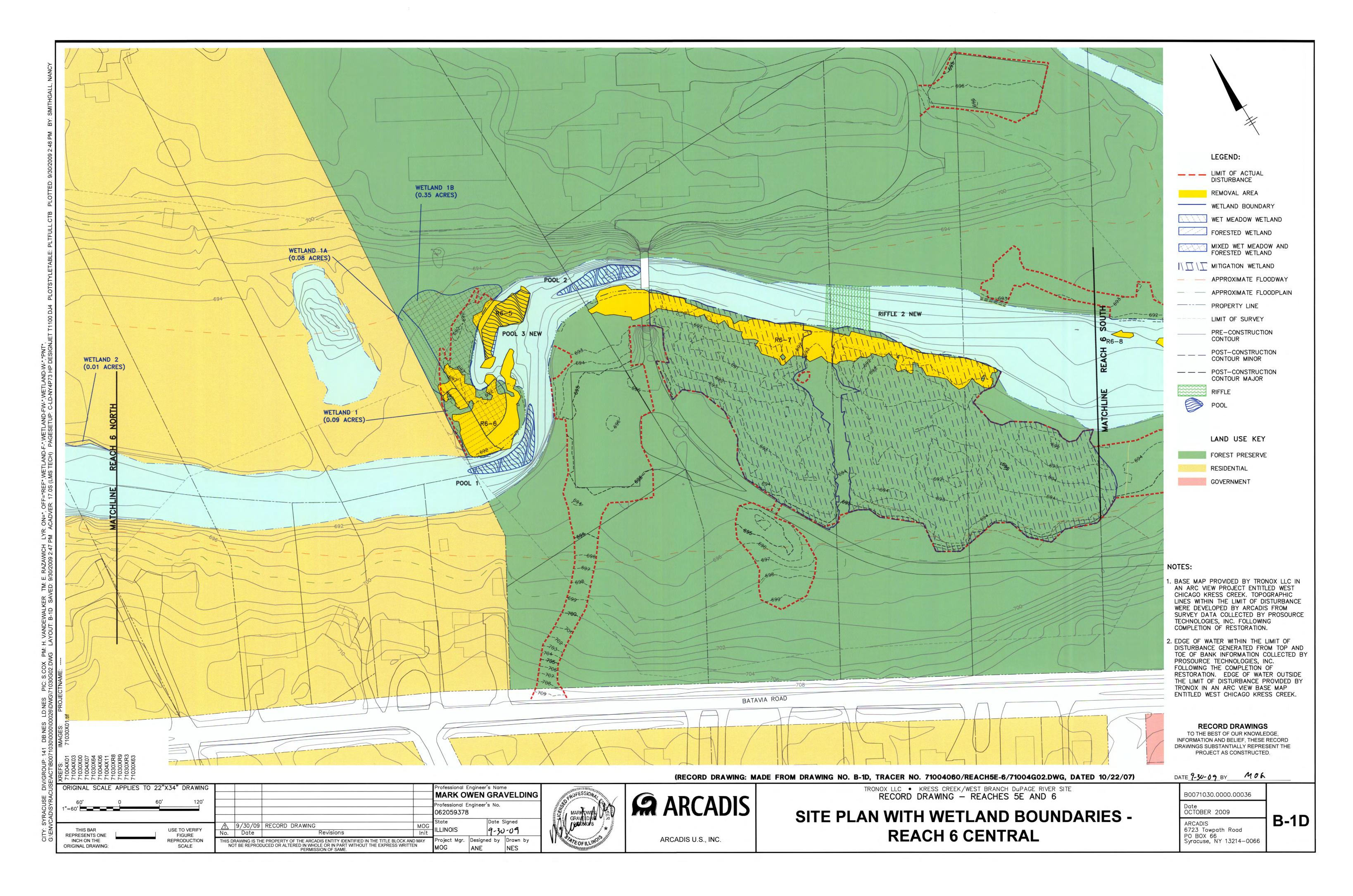
VEGETATION SPECIFICATION SUMMARY TABLES - REACH 5E

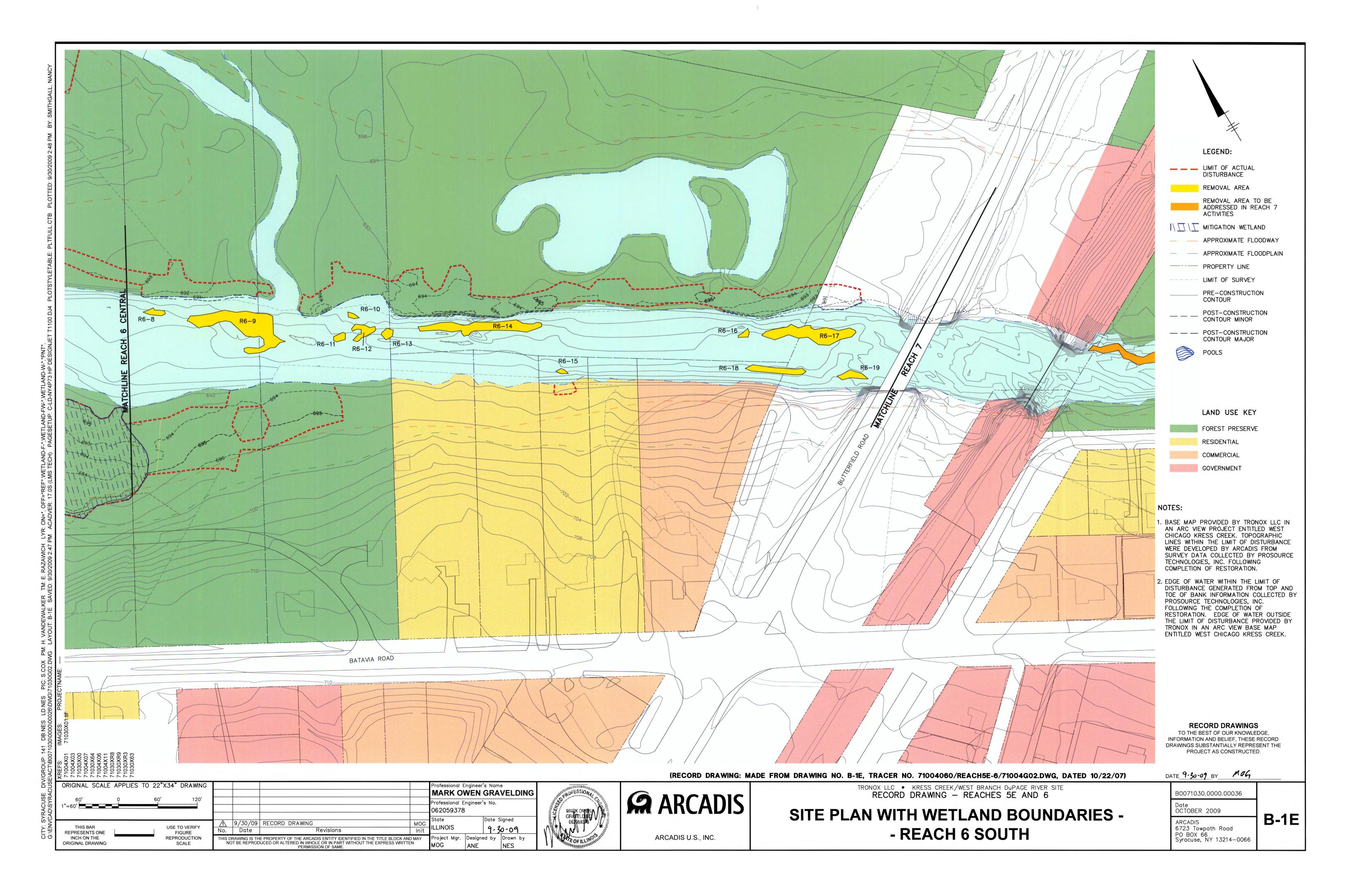
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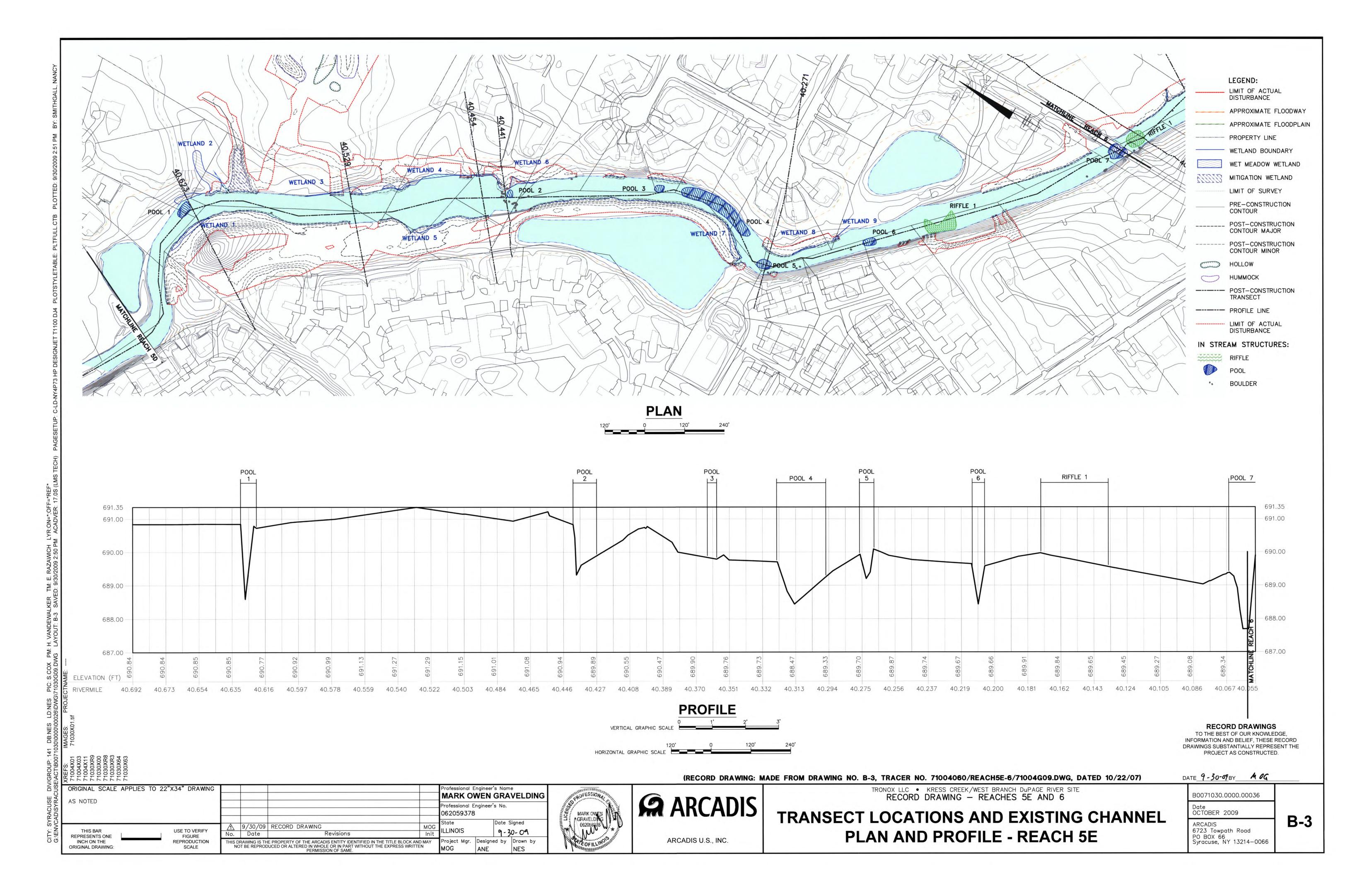


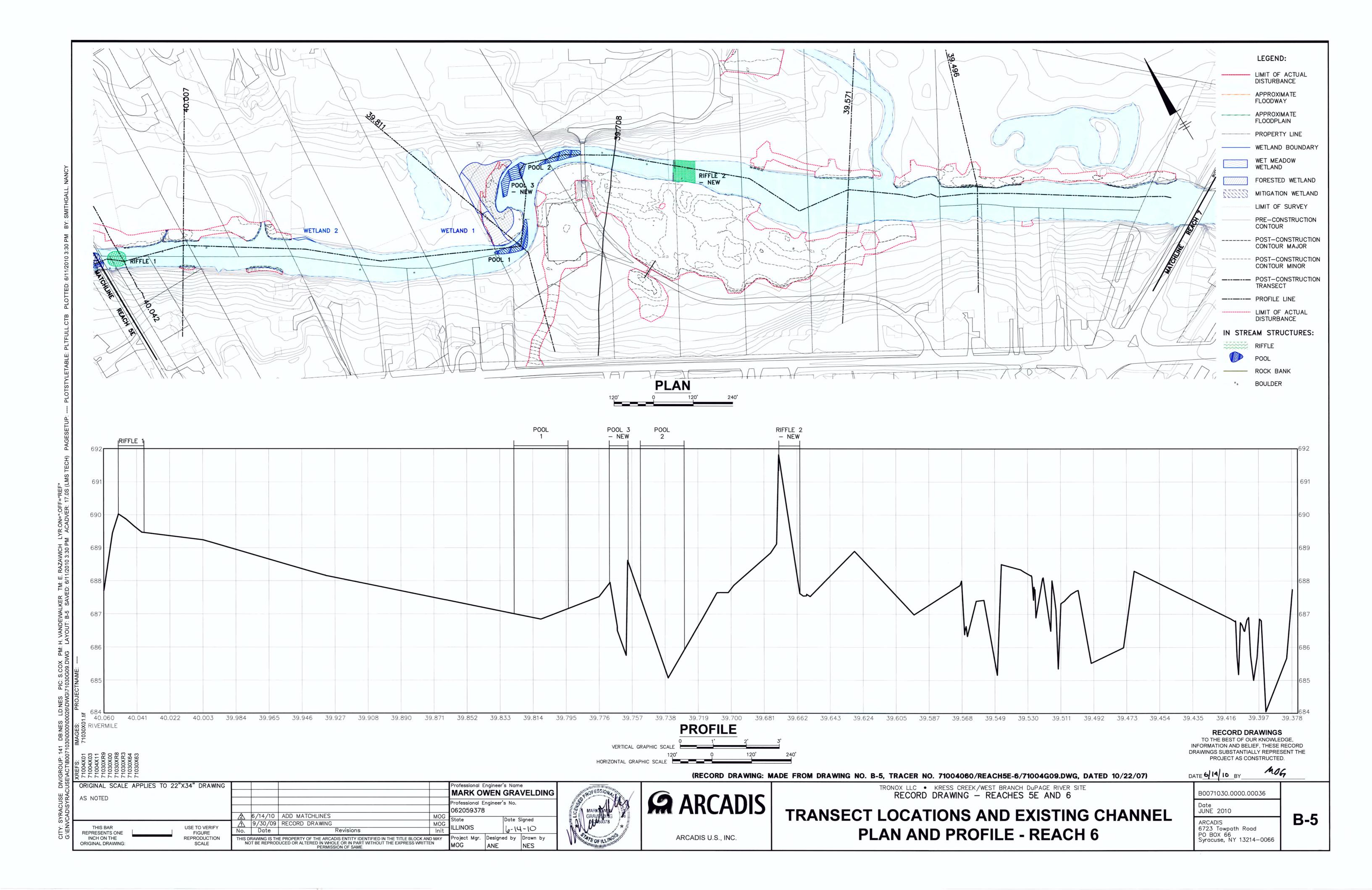




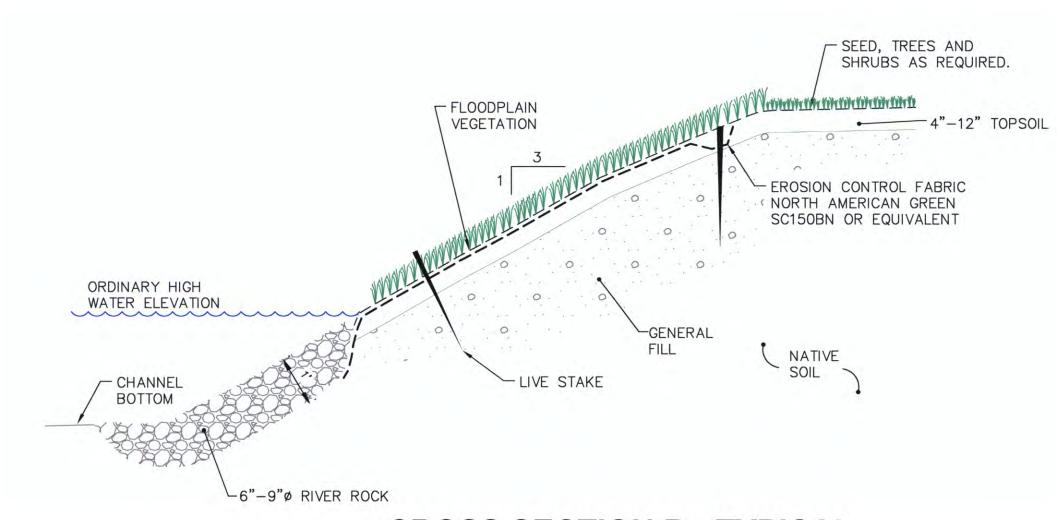








PLANT OR SEED WITH EMERGENT WETLAND EROSION CONTROL FABRIC NORTH AMERICAN GREEN PLANT SPECIES -SC150BN OR EQUIVALENT 12" TOPSOIL WATER ELEVATION VARIES SLOPE VARIES 12" WETLAND TOPSOIL -WOOD STAKES **CROSS SECTION A - TYPICAL EMERGENT** WETLAND BANK RESTORATION DETAIL NOT TO SCALE



**CROSS SECTION B - TYPICAL VEGETATED BANK RESTORATION DETAIL** NOT TO SCALE

> RECORD DRAWINGS TO THE BEST OF OUR KNOWLEDGE,

INFORMATION AND BELIEF, THESE RECORD DRAWINGS SUBSTANTIALLY REPRESENT THE PROJECT AS CONSTRUCTED.

(RECORD DRAWING: MADE FROM DRAWING NO. B-9, TRACER NO. 71004060/REACH5E-6/71004G13.DWG, DATED 10/22/07)

TRONOX LLC • KRESS CREEK/WEST BRANCH Dupage RIVER SITE RECORD DRAWING — REACHES 5E AND 6

B0071030.0000.00036 Date OCTOBER 2009

DATE 9-30-09 BY

6723 Towpath Road PO BOX 66 Syracuse, NY 13214-0066

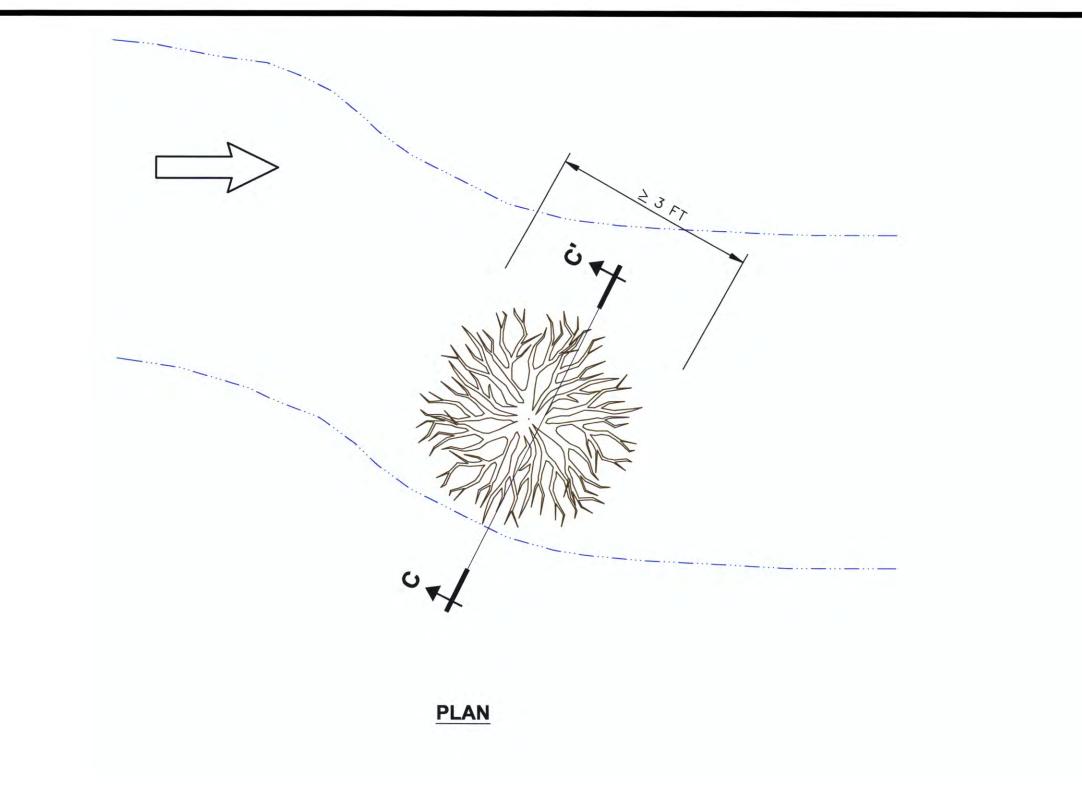
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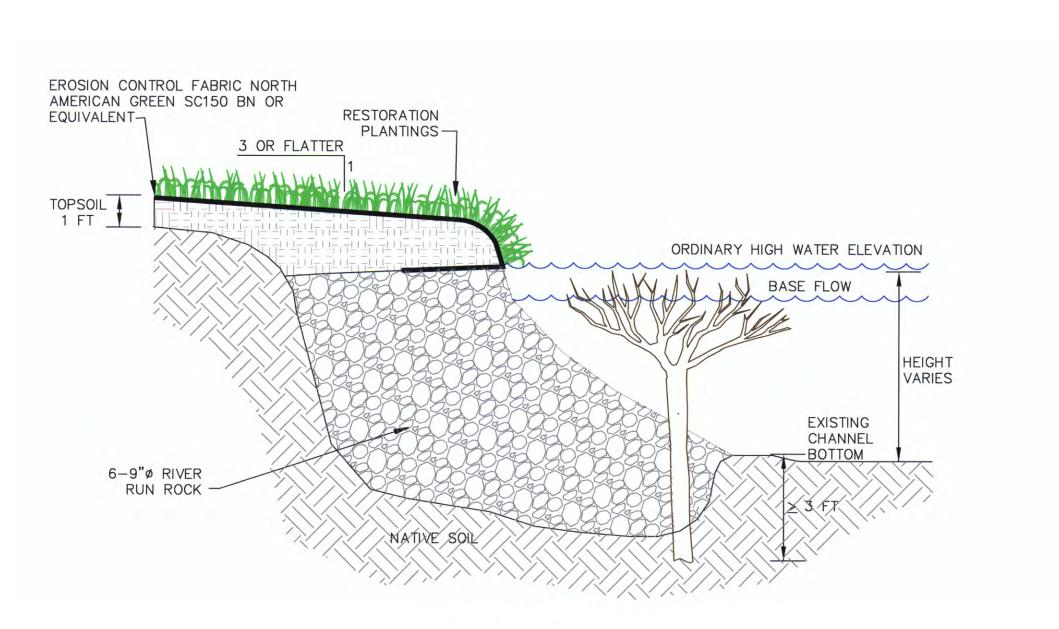


**ARCADIS** 

ARCADIS U.S., INC.

TYPICAL BANK RESTORATION DETAILS

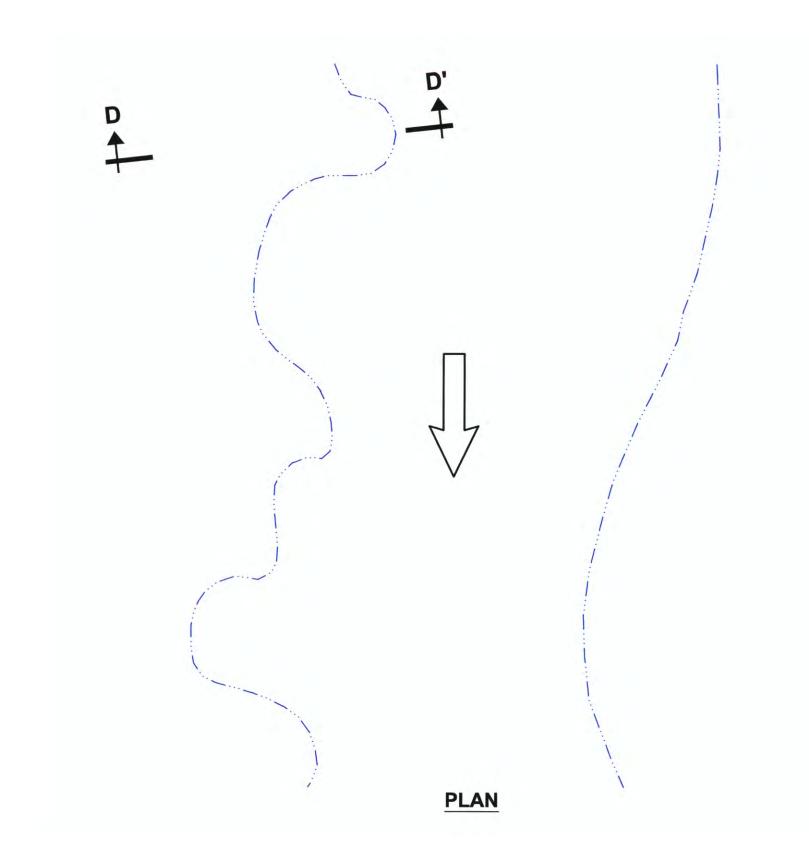


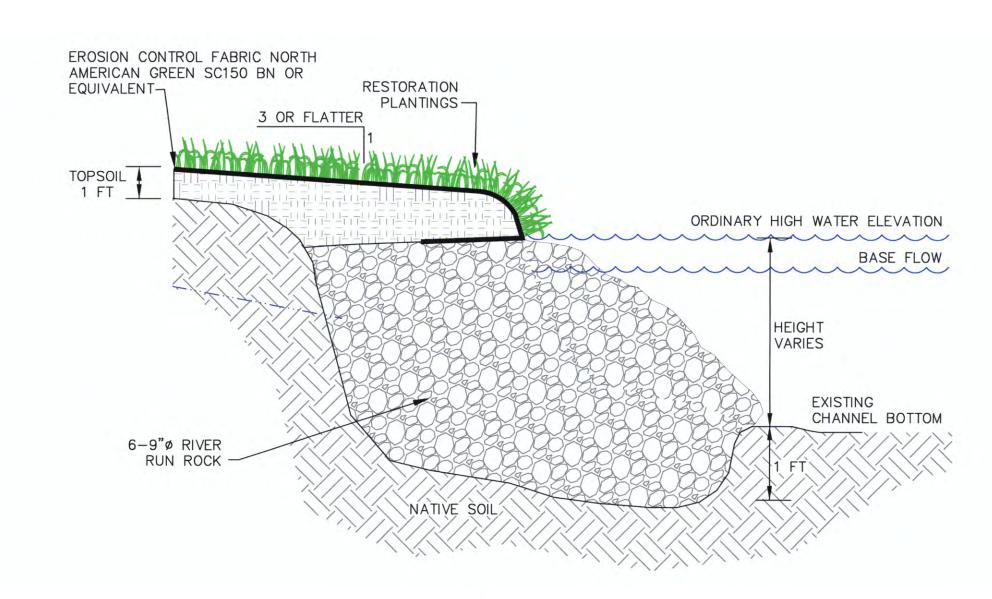


**CROSS SECTION** 

# **CROSS SECTION C - TYPICAL VERTICAL ROOT WAD ENHANCEMENT**

NOT TO SCALE





**CROSS SECTION** 

# **CROSS SECTION D - TYPICAL CRENULATED** SHORELINE HABITAT ENHANCEMENT

NOT TO SCALE

RECORD DRAWINGS

DRAWINGS SUBSTANTIALLY REPRESENT THE PROJECT AS CONSTRUCTED.

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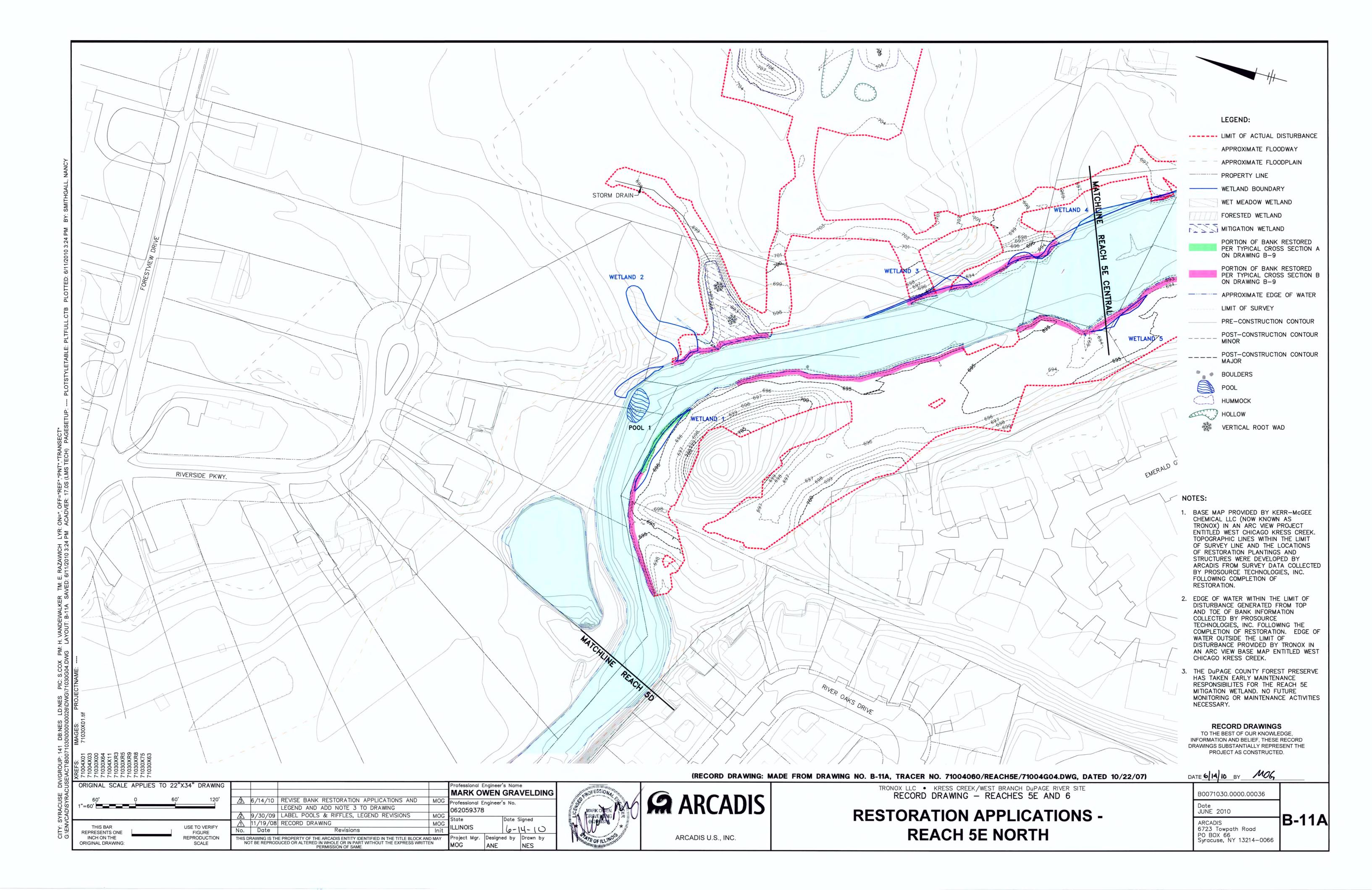
ARCADIS U.S., INC.

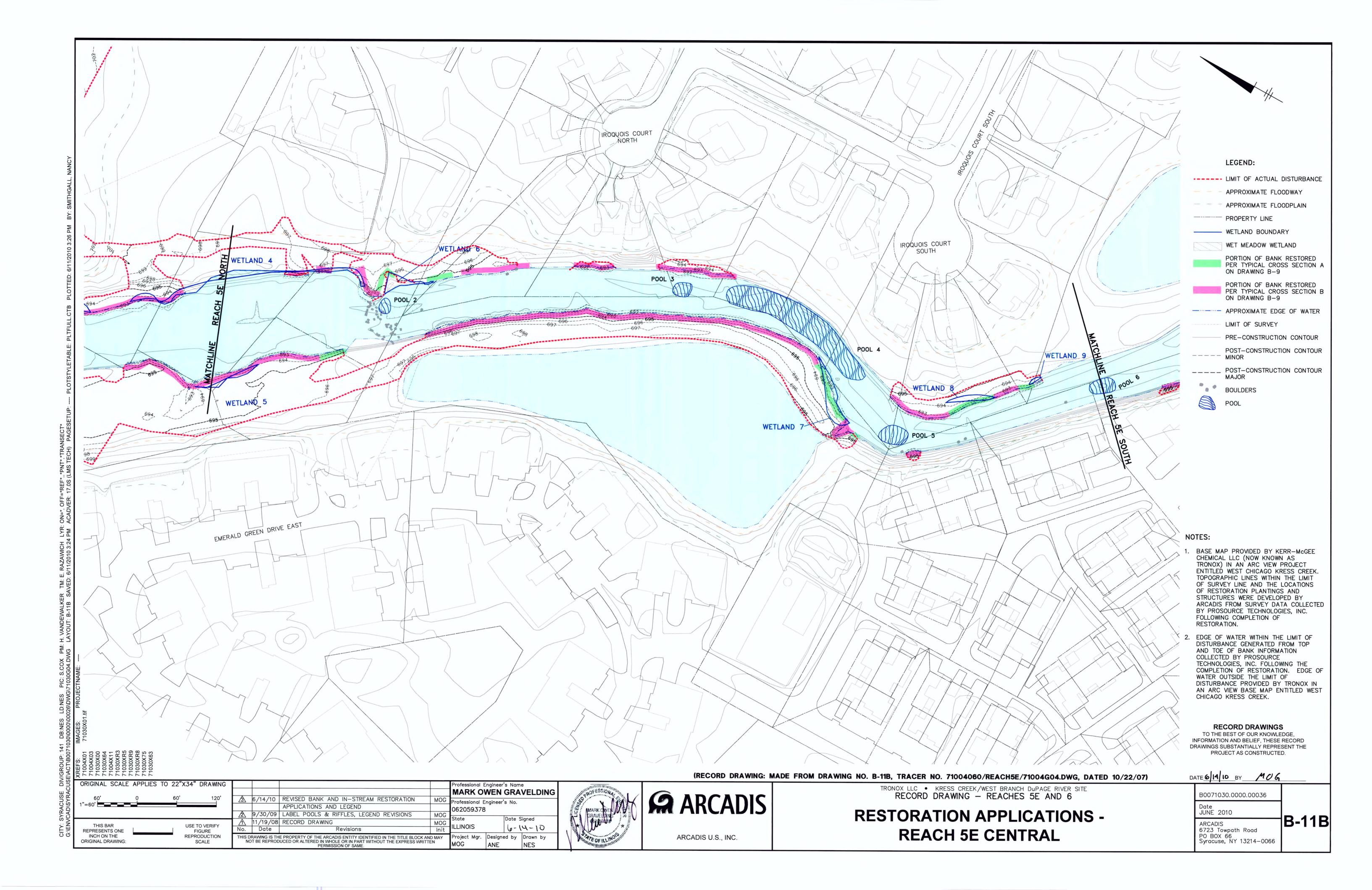
TYPICAL STREAM ENHANCEMENT STRUCTURE DETAILS

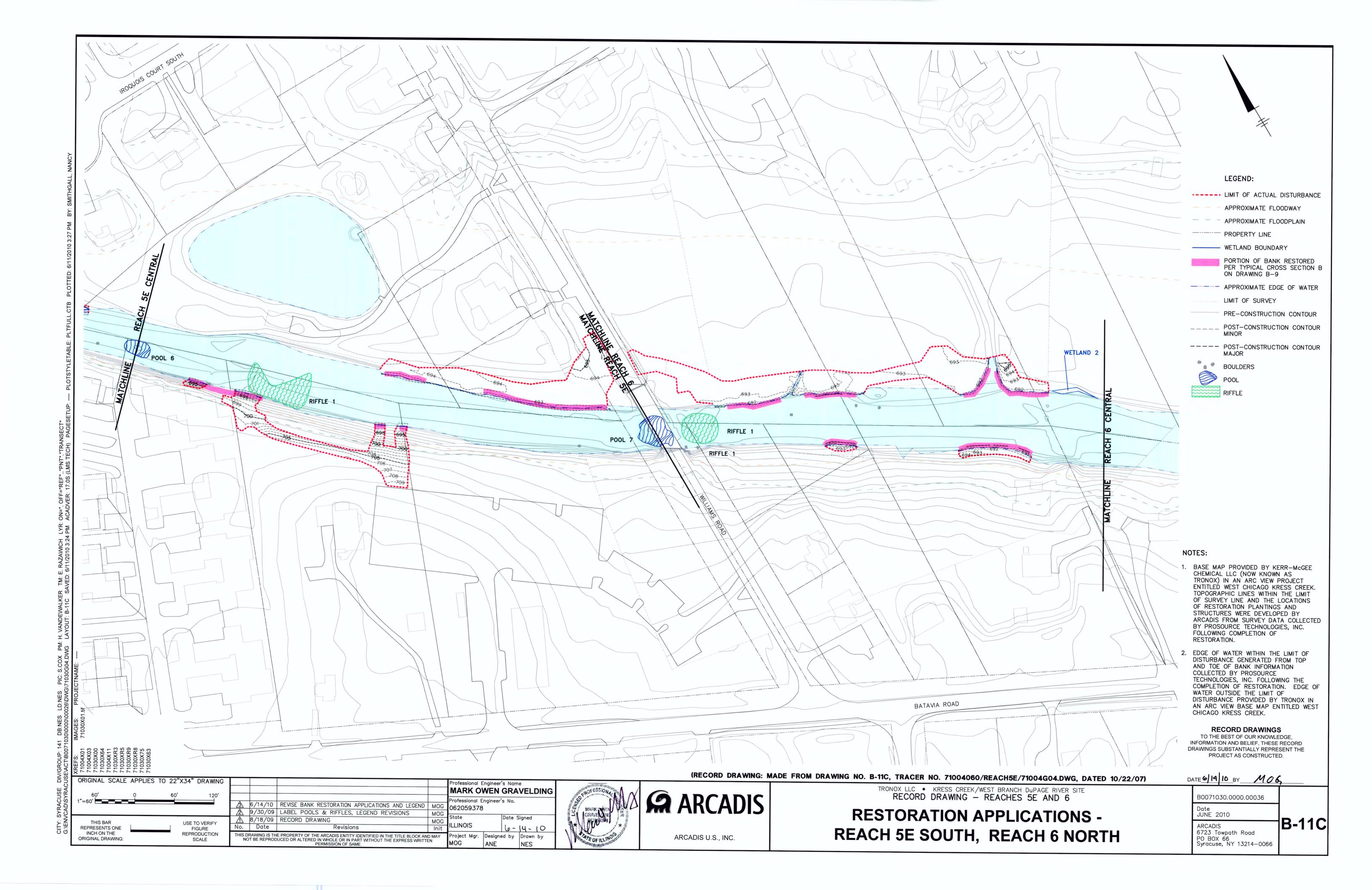
TRONOX LLC • KRESS CREEK/WEST BRANCH DUPAGE RIVER SITE RECORD DRAWING — REACHES 5E AND 6

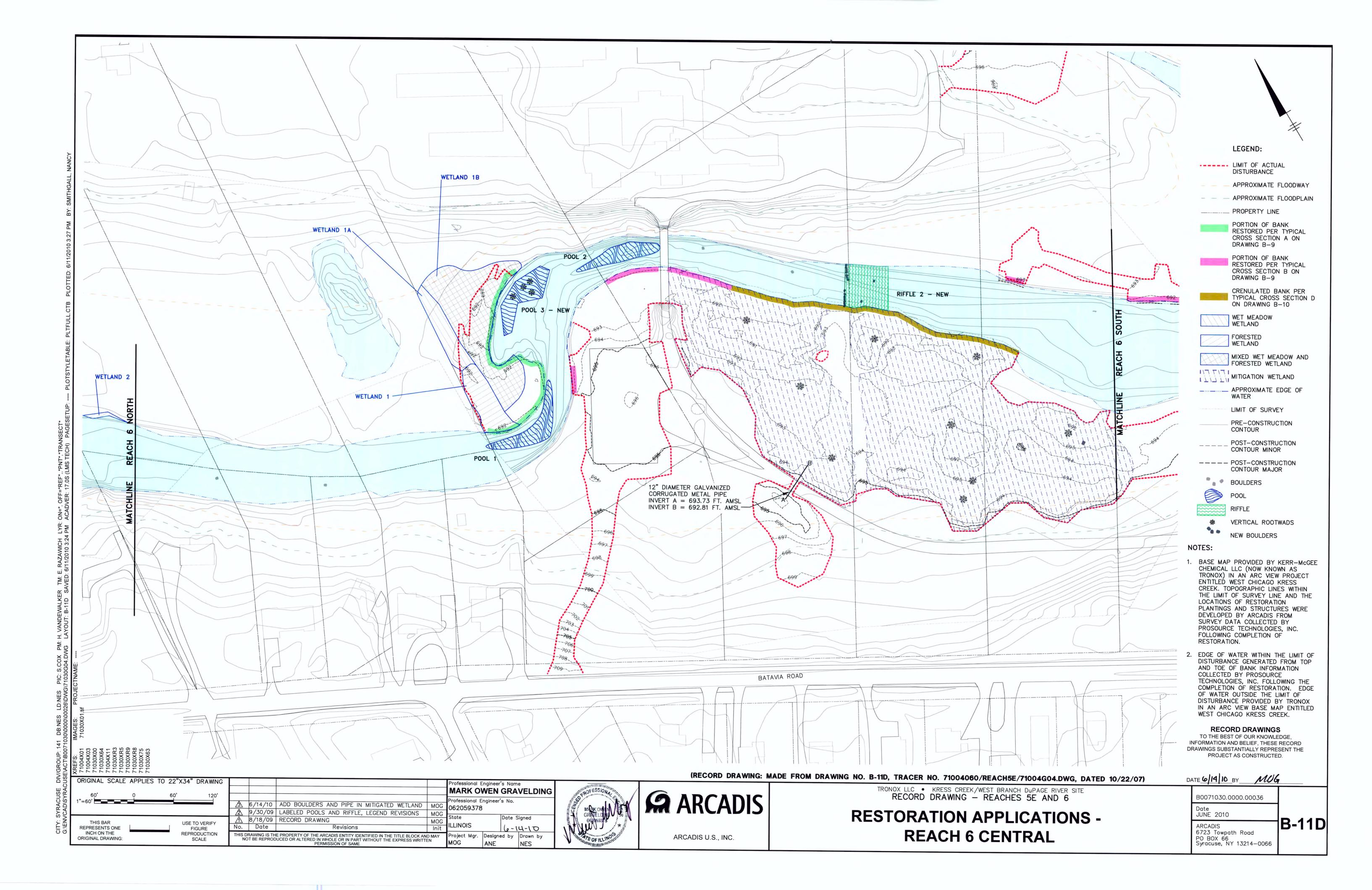
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Date OCTOBER 2009
ARCADIS 6723 Towpath Road PO BOX 66 Syracuse, NY 13214-0066

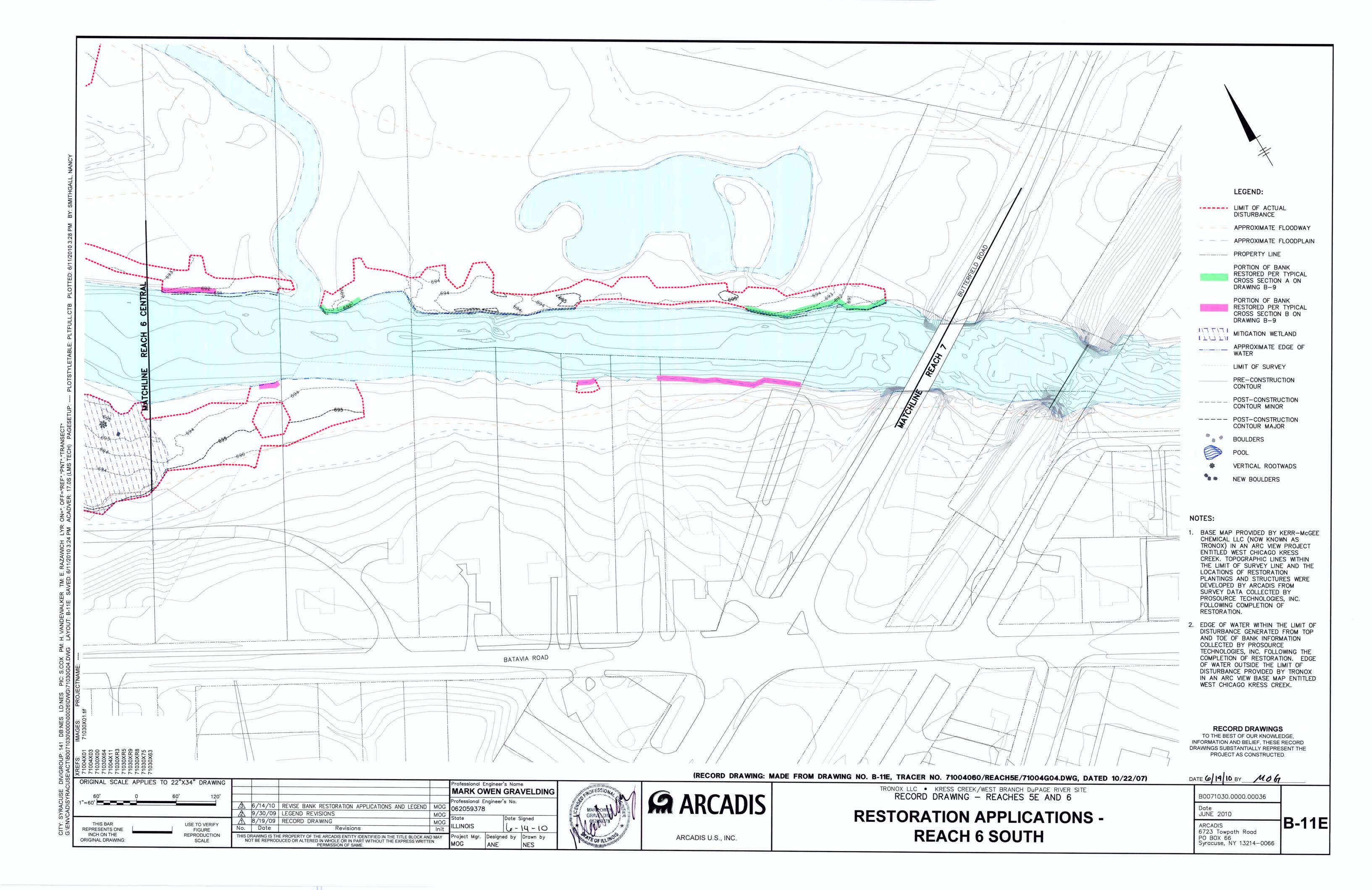
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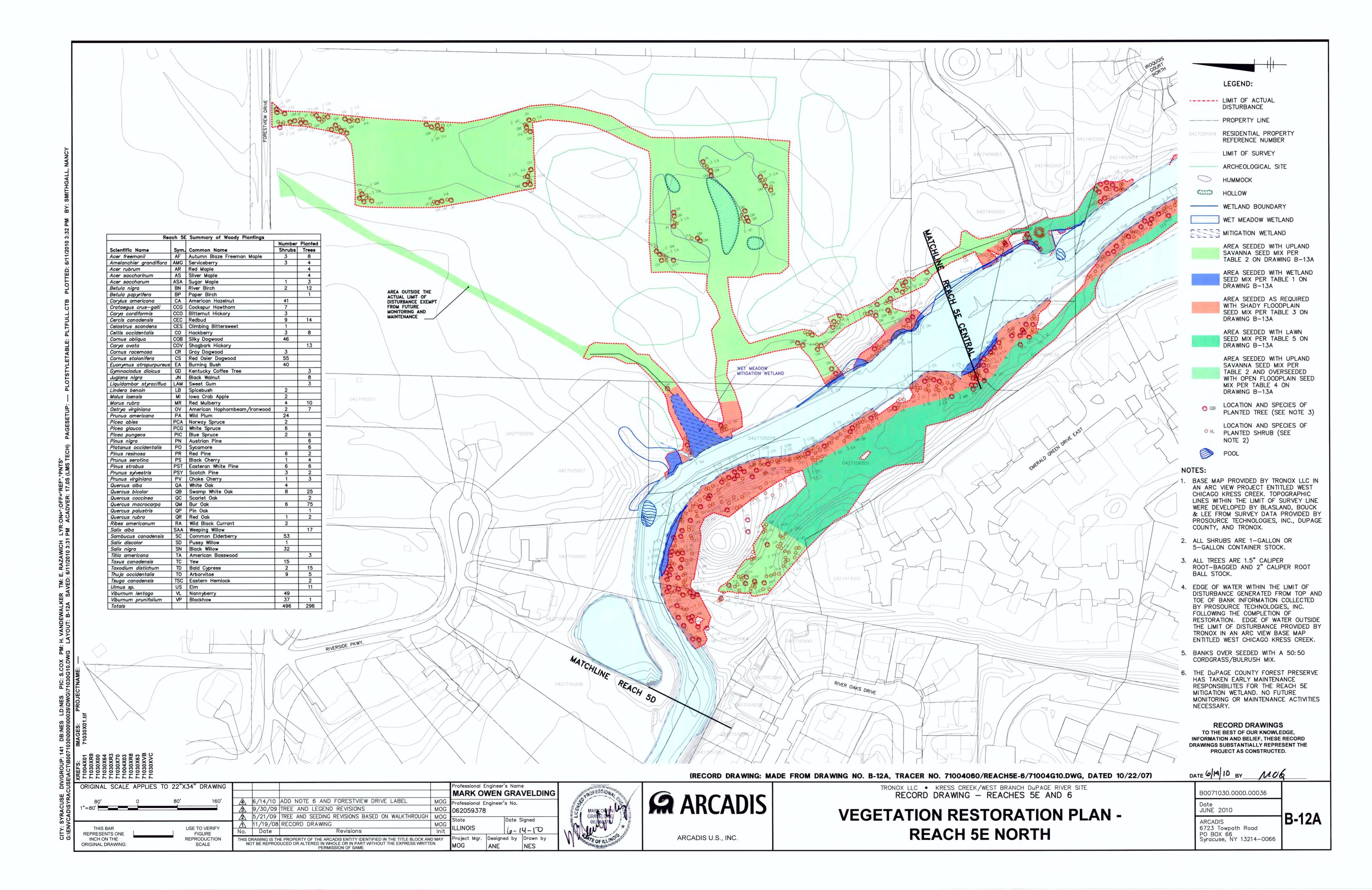


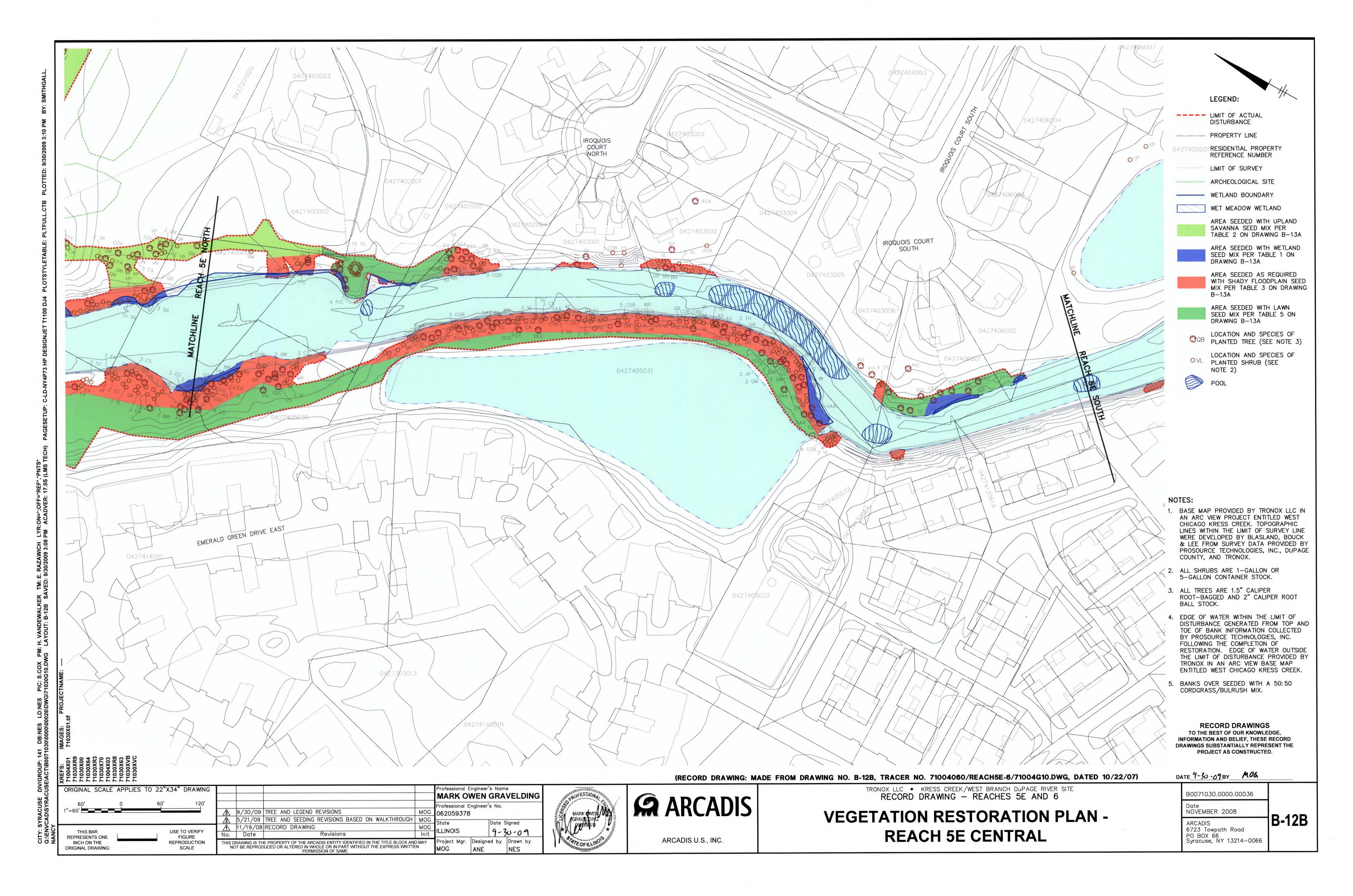


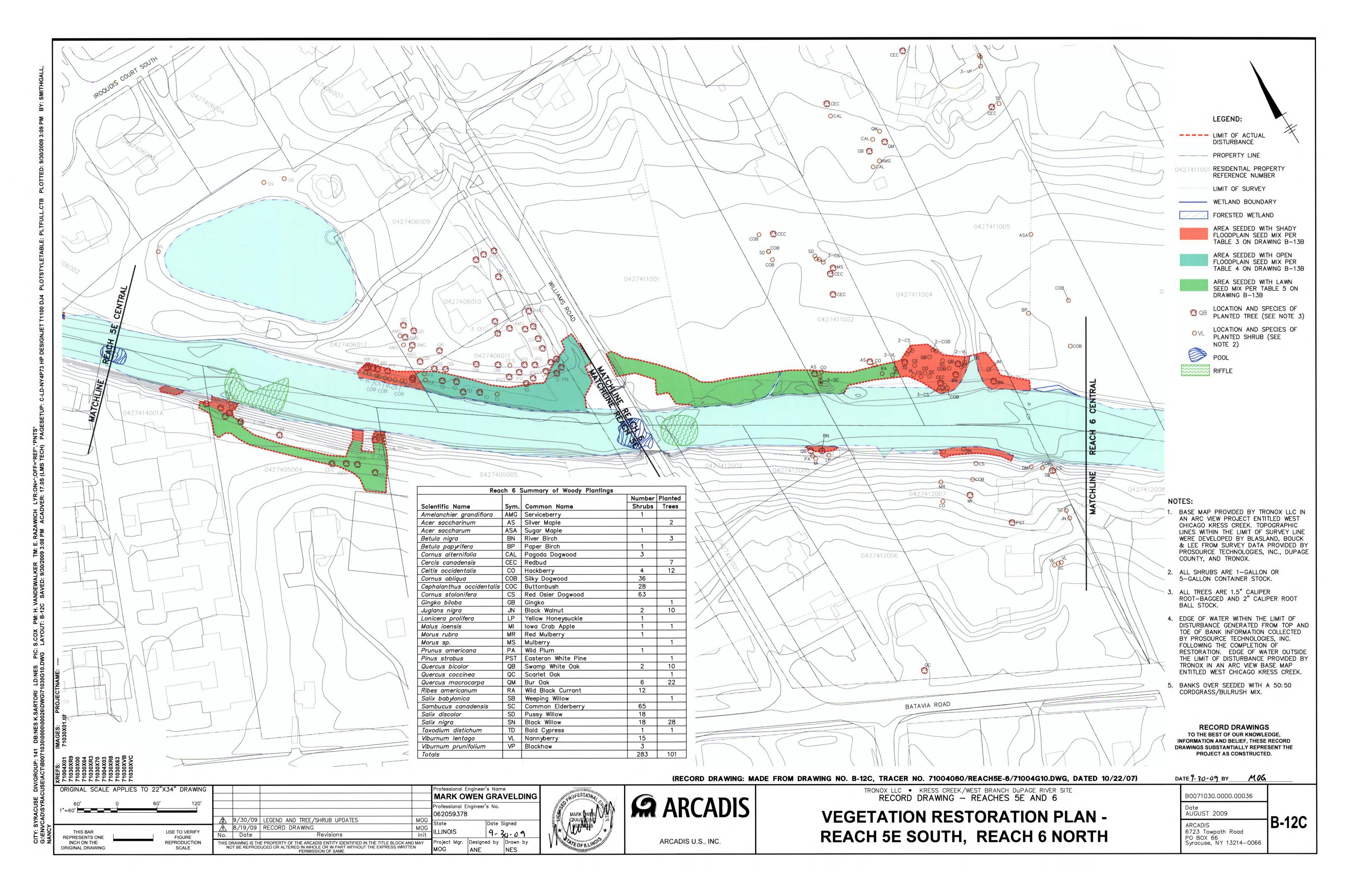


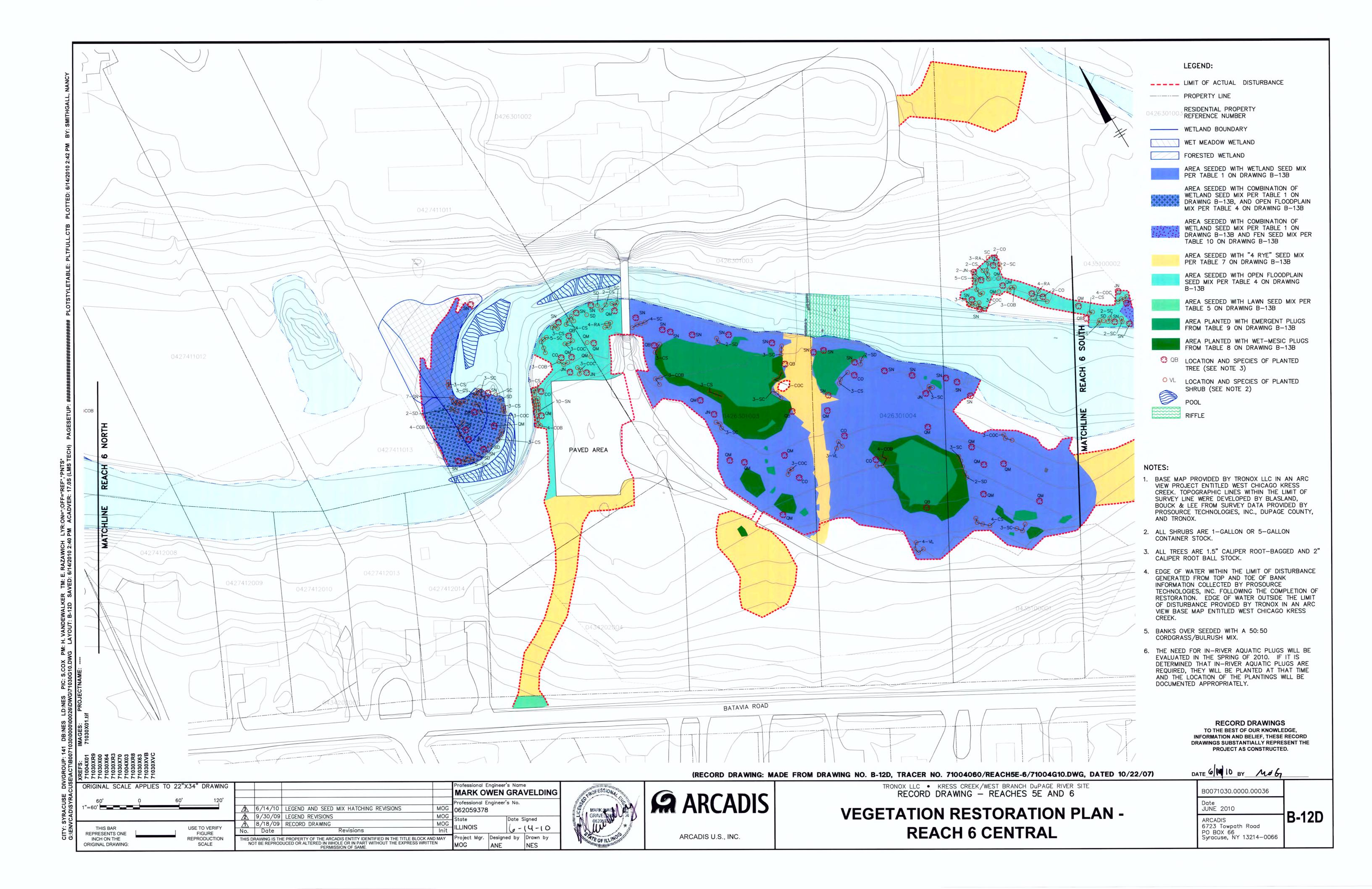


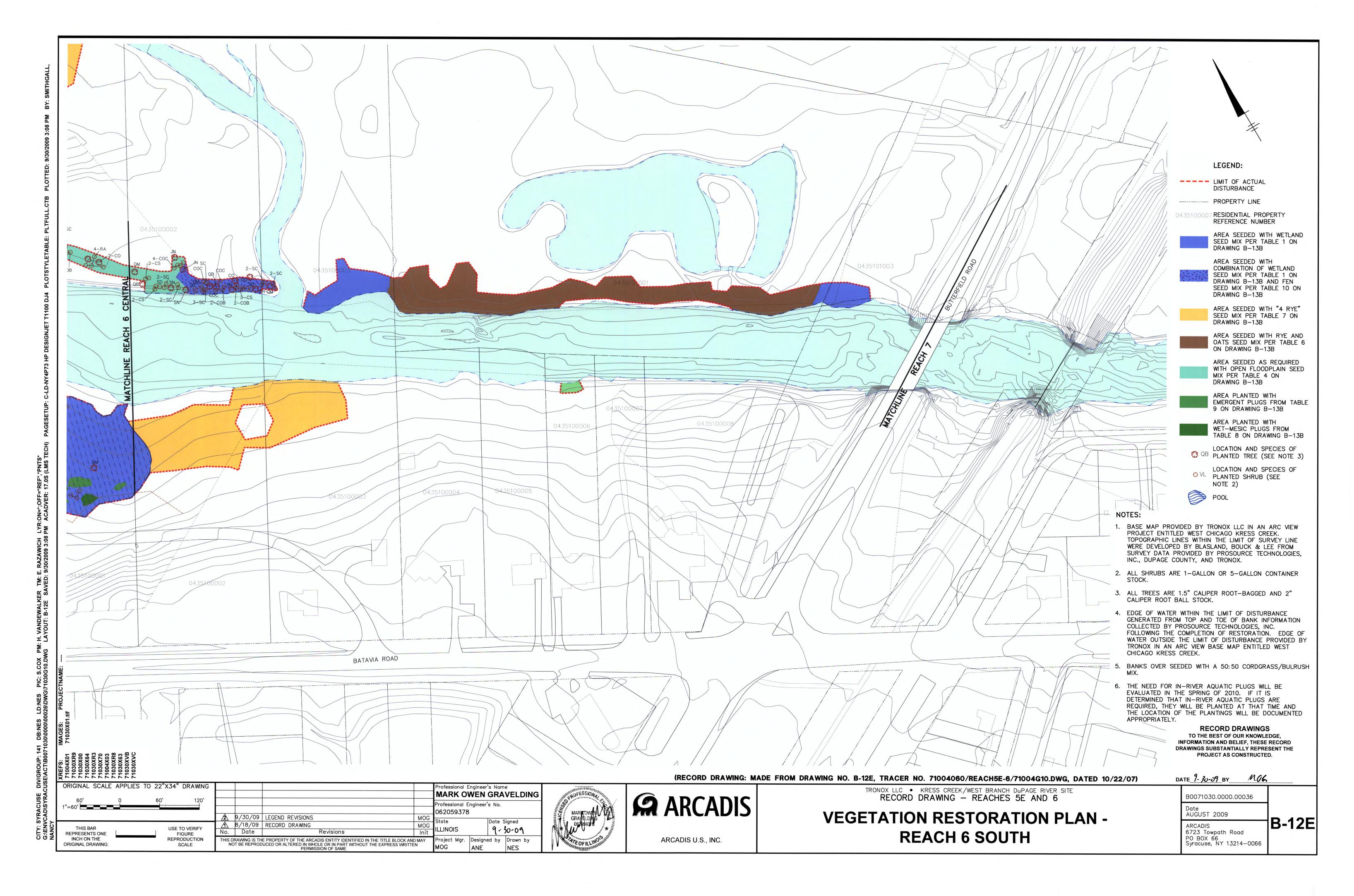












	Wetland Seed	Mix
Lbs/Acre	Scientific Name	Common Name
0.063	Actinomeris alternifolia	Wingstem
0.375	Alisma subcordatum	Common Water Plantain
0.063	Alisma triviale	Northern Water Plantain
0.003	Ansma unvidie  Anemone canadensis	Meadow Anemone
0.25	Asclepias incarnata	Swamp Milkweed
0.375	Aster nova—angliae	New England Aster Panicled Aster
0.031	Aster simplex	
0.75	Bidens cernua	Nodding Bur Marigold
0.063	Boehmeria cylindrica	False Nettle
0.5	Calamagrostis canadensis	Blue Joint Grass
0.188	Carex cristatella	Crested Sedge
0.063	Carex pellita	Broad Leaved Wooly Sedge
0.25	Carex scoparia	Pointed Broom Sedge
0.5	Carex stipata	Awl-fruited Sedge
0.063	Carex stricta	Strict Sedge
0.25	Carex tribuloides	Awl-fruited Sedge
1	Carex vulpinoidea	Fox Sedge
1	Cyperus esculentus	Field Nut Sedge
0.063	Eleocharis erythropoda	Red-rooted Spike Rush
0.015	Erigeron philadelphicus	Marsh Fleabane
0.125	Eupatorium maculatum	Spotted Joe Pye Weed
0.125	Eupatorium perfoliatum	Thoroughwort
0.188	Gentiana andrewskii	Bottle Gentian
0.125	Glyceria striata	Fowl Manna Grass
0.125	Helenium autumnale	Sneezewood
0.188	Iris virginica shrevei	Blue Flag
0.25	Juncus torreyi	Torrey's Rush
0.5	Leersia oryzoides	Rice Cut Grass
0.031	Lobelia siphilitica	Blue Lobeila
0.188	Lycopus americanus	Common Water Horehound
0.015	lycopus virginicus	Bugleweed
0.015	Lysimachia thrysifolia	Tufted Loosestrife
0.015	Lythrum alatum	Winged Loosestrife
0.015	Mentha arvensis	Wild Mint
0.015	Mimulus ringens	Monkey Flower
0.063	Penthorum sedoides	Ditch Stonecrap
0.125	Pontederia cordata	Pickerel Weed
0.125	Pycnanthemum virginianum	Common Mt Mint
0.015	Rudbeckia laciniata	Coneflower from Hell
0.25	Sagittaria latifolia	Duck Potato
0.25	Scirpus acutus	Hard Stem Bulrush
1	Scirpus atrovirens	Dark Green Rush
0.125	Scirpus fluviatilis	River Bulrush
0.25	Scirpus validus	Great Bulrush
0.015	Scutelaria lateriflora	Mad Dog Skullcap
0.063	Solidago gigantea	Late Goldenrod
0.125	Sparganium eurycarpum	Common Bur-reed
0.063	Teucium canadense	Germander
1	Verbena hastata	Blue Vervain
0.188	Vernonia fasciculata	Common Ironweek

### TABLE 2

	Upland Savanna Seed Mix	x
Lbs/Acre	Scientific Name	Common Name
0.02	Alium canadense	Wild Onion
0.04	Anemonella thalictroides	Rue Anemone
0.06	Arisaema atrotubens	Jack-in-the-Pulpit
0.04	Aster lateriflorus	Calico Aster
0.06	Campanula americana	Tall Ballflower
0.15	Carex blanda	Common Wood Sedge
0.15	Carex grisea	Wood Gray Sedge
0.15	Carex normalis	Spreading Oval Sedge
0.15	Carex rosea	Styles Wood Sedge
0.15	Carex sparganoides	Loose-headed Bracted Sedge
0.15	Carex sprengelli	Long-beaked Sedge
0.15	Carex tenera	Narrow-leaved Oval Sedge
0.04	Cinna arundinacea	Wood Reed
0.15	Dioscorea villosa	Wild Yam
0.5	Dodecatheon meadia	Shooting Star
2	Elymus riparius Riverbank Rye	
2	Elymus Villosus	Silky Wild Rye
2	Elymus virginicus	Virginial Wild Rye
0.04	Eupatorium purpureum	Joe Pye Weed
0.03	Geranium maculatum Wild Geranium	
0.03	Glyceria striata Fowl Manna Grass	
0.02		
0.02		
0.15	Hystrix patula Bottlebrush Gra	
0.15	Lilium michiganese	Michigan Lily
0.02	Osmorhiza claytoni	Sweet Jarvil
0.02	Phryma leptostachya	Lopseed
0.02	Polemonium reptans	Jacob's Ladder
0.02	Polygonatum canaliculatum	Smooth Solomon's Seal
0.2	Polygonum virginianum Jumpseed	
0.25	Rudbeckia triloba Brown Eyed Susan	
0.2	Smilacina racemosa	Feathery False Solomon's Seal
0.02	Solidago ulmifolia Elm—leafed Goldenrod	
0.04	Sphenopholis intermedia	Slender Wedge Grass
0.06	Vernonia altissima	Tall Ironweed
	Cover Crop: Italian Rye @ 12 lbs per acre	

### TABLE 3

Shady Floodplain Seed Mix		
Lbs/Acre	Scientific Name	Common Name
0.62	Actinomeris alternifolia	Wingstem
0.62	Aquilegia canadensis	Columbine
0.62	Aster lateriflorus	Calico Aster
0.15	Aster shortii	Short's Aster
0.125	Boehmeria cylindrica	False Nettle
0.25	Bromus latiglumis	Ear-Leafed Brome
0.06	Campanula americana	Tall Bellflower
0.062	Carex blanda	Common Wood Sedge
0.5	Cinna arundinacea	Wood Reed
0.031	Diarrhena americana	Beak Grass
1	Elymus riparius	Riverbank Rye
0.768	Elymus villosus	Silky Wild Rye
2	Elymus virginicus	Virginia Wild Rye
0.15	Eupatorium rugosum	White Snake Root
0.15	Festuca obtusa	Nodding Fescue
0.5	Glyceria striata	Flow Manna Grass
0.25	Impatiens capensis	Orange Jewelweed
0.25	Leersia oryzoides	Rice Cut Grass
0.15	Penstemon digitalis	Foxglove Beardtongue
0.15	Phlox divaricata	Wild Sweet Williams
0.15	Polygonatum canaliculatum	Smooth Solomon's Seal
0.15	Pycnanthemum virginianum	Common Mt Mint
0.44	Rudbeckia laciniata	Green Coneflower
0.031	Solidago flexicaulis	Zigzag Goldenrod
0.031	Solidago gigantea	Late Goldenrod
0.125	Solidago ulmifolia	Elm-leaf Goldenrod
0.31	Veronicastrum virginicum	Culver's Physic
0.062	Zizia aurea	Golden Alexander

### TABLE 4

Open Floodplain Seed Mix	
Scientific Name	Common Name
Andropogon gerardii	Big Bluestem
Andropogen scoparius	Little Bluestem
Aster novae-angliae	New England Aster
Bidens cernua	Nodding Bur Marigolo
Calamagrostis canadensis	Blue Joint Grass
Carex vulpinoidea	Fox Sedge
Echinacea pallida	Pale Purple Coneflow
Elymus canadensis	Canada Wild Rye
Eupatorium maculatum	Spotted Joe Pye Wee
Eupatorium perfoliatum	Thoroughwort
Glyceria striata	Fowl Manna Grass
Panicum virgatum	Prairie Switch Grass
Pycnanthemum virginianum	Common Mt Mint
Rudbeckia hirta	Black Eyed Susan
Silphium laciniatum	Compass Plant
Silphium terebinthinaceum	Prairie Dock
Solidago rigida	Stiff Goldenrod

### TABLE 5

Lawn Seed Mix		
Amount	Species	
49.62%	Kentucky Bluegrass	
24.83%	Perennial Ryegrass	
24.68%	Creeping Red Fescu	

**RECORD DRAWINGS** 

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PROJECT AS CONSTRUCTED.

(RECORD DRAWING: MADE FROM DRAWING NO. B-13, TRACER NO. 71004060/REACH5E-6/71004G11.DWG, DATED 10/22/07)

DATE *१-30-09* вү\_\_\_\_\_

B0071030.0000.00036

Date
OCTOBER 2009

ARCADIS
6723 Towpath Road
PO BOX 66
Syracuse, NY 13214-0066

ORIGINAL SCALE APPLIES TO 22"X34" DRAWING

NOT TO SCALE

Professional Engineer's Name

MARK OWEN GRAVELDING

Professional Engineer's No.

062059378

State

NOT TO SCALE

Professional Engineer's Name

MARK OWEN GRAVELDING

Professional Engineer's Name

MARK OWEN GRAVELDING

Professional Engineer's Name

MARK OWEN GRAVELDING

Professional Engineer's No.

062059378

State

NOT TO SCALE

NOT Date Signed

ILLINOIS

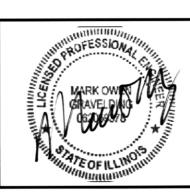
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TRONOX LLC • KRESS CREEK/WEST BRANCH Dupage RIVER SITE RECORD DRAWING — REACHES 5E AND 6

ORIGINAL DRAWING:

	Walland Cond	N
1 /4	Wetland Seed	T
_bs/Acre	Scientific Name	Common Name
0.063	Actinomeris alternifolia	Wingstem
0.375	Alisma subcordatum	Common Water Plantain
0.063	Alisma triviale	Northern Water Plantain
0.031	Anemone canadensis	Meadow Anemone
0.25	Asclepias incarnata	Swamp Milkweed
0.375	Aster nova—angliae	New England Aster
0.031	Aster simplex	Panicled Aster
0.75	Bidens cernua	Nodding Bur Marigold
0.063	Boehmeria cylindrica	False Nettle
0.5	Calamagrostis canadensis	Blue Joint Grass
0.188	Carex cristatella	Crested Sedge
0.063	Carex pellita	Broad Leaved Wooly Sedge
0.25	Carex scoparia	Pointed Broom Sedge
0.5	Carex stipata	Awl-fruited Sedge
0.063	Carex stricta	Strict Sedge
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1	Cyperus esculentus	Field Nut Sedge
0.063	Eleocharis erythropoda	Red-rooted Spike Rush
0.015	Erigeron philadelphicus	Marsh Fleabane
0.125	Eupatorium maculatum	Spotted Joe Pye Weed
0.125	Eupatorium perfoliatum	Thoroughwort
0.188	Gentiana andrewskii	Bottle Gentian
0.125	Glyceria striata	Fowl Manna Grass
0.125	Helenium autumnale	Sneezewood
0.188	Iris virginica shrevei	Blue Flag
0.25	Juncus torreyi	Torrey's Rush
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0.015	Lysimachia thrysifolia	Tufted Loosestrife
0.015	Lythrum alatum	Winged Loosestrife
0.015	Mentha arvensis	Wild Mint
0.015	Mimulus ringens	Monkey Flower
0.063	Penthorum sedoides	Ditch Stonecrap
0.125	Pontederia cordata	Pickerel Weed
0.125	Pycnanthemum virginianum	Common Mt Mint
0.015	Rudbeckia laciniata	Coneflower from Hell
0.013		Duck Potato
0.25	Sagittaria latifolia	Hard Stem Bulrush
1	Scirpus acutus	
	Scirpus atrovirens	Dark Green Rush
0.125	Scirpus fluviatilis	River Bulrush
0.25	Scirpus validus	Great Bulrush
0.015	Scutelaria lateriflora	Mad Dog Skullcap
0.063	Solidago gigantea	Late Goldenrod
0.125	Sparganium eurycarpum	Common Bur-reed
0.063	Teucium canadense	Germander
1 0 188	Verbena hastata	Blue Vervain
0 100	1/	0

Vernonia fasciculata

### TABLE 2

Scientific Name  Alium canadense  Anemonella thalictroides	Common Name Wild Onion
Anemonella thalictroides	
	D A
Arisasma atrotubana	Rue Anemone
Arisaema atrotubens Jack-in-the-Pulpi	
Aster lateriflorus	Calico Aster
Campanula americana	Tall Ballflower
Carex blanda	Common Wood Sedge
Carex grisea	Wood Gray Sedge
Carex normalis	Spreading Oval Sedge
Carex rosea	Styles Wood Sedge
Carex sparganoides	Loose-headed Bracted Sedge
Carex sprengelli	Long-beaked Sedge
Carex tenera	Narrow-leaved Oval Sedge
Cinna arundinacea	Wood Reed
Dioscorea villosa	Wild Yam
Dodecatheon meadia	Shooting Star
Elymus riparius	Riverbank Rye
Elymus virginicus Virginial Wild Rye	
Eupatorium purpureum	Joe Pye Weed
Geranium maculatum Wild Geranium	
Glyceria striata Fowl Manna Grass	
Helianthus strumosus Pale—leaved Sunflower	
Hydrophyllum virginianum Virginia Waterleaf	
Hystrix patula Bottlebrush Grass	
Osmorhiza claytoni	Sweet Jarvil
Phryma leptostachya	Lopseed
Polemonium reptans	Jacob's Ladder
Rudbeckia triloba	Brown Eyed Susan
Smilacina racemosa	Feathery False Solomon's Seal
Solidago ulmifolia	Elm—leafed Goldenrod
Sphenopholis intermedia	Slender Wedge Grass
Vernonia altissima	Tall Ironweed
over Crop: Italian Rye @ 12 lbs per acre	
	Carex grisea Carex normalis Carex rosea Carex sparganoides Carex sprengelli Carex tenera Cinna arundinacea Dioscorea villosa Dodecatheon meadia Elymus riparius Elymus virginicus Elymus virginicus Eupatorium purpureum Geranium maculatum Glyceria striata Helianthus strumosus Hydrophyllum virginianum Hystrix patula Lilium michiganese Osmorhiza claytoni Phryma leptostachya Polemonium reptans Polygonatum canaliculatum Rudbeckia triloba Smilacina racemosa Solidago ulmifolia Sphenopholis intermedia Vernonia altissima

### TABLE 3

Shady Floodplain Seed Mix		
Lbs/Acre	Scientific Name	Common Name
0.62	Actinomeris alternifolia Wingstem	
0.62	Aquilegia canadensis	Columbine
0.62	Aster lateriflorus	Calico Aster
0.15	Aster shortii	Short's Aster
0.125	Boehmeria cylindrica	False Nettle
0.25	Bromus latiglumis	Ear-Leafed Brome
0.06	Campanula americana	Tall Bellflower
0.062	Carex blanda	Common Wood Sedge
0.5	Cinna arundinacea	Wood Reed
0.031	Diarrhena americana	Beak Grass
1	Elymus riparius	Riverbank Rye
0.768	Elymus villosus	Silky Wild Rye
2	Elymus virginicus	Virginia Wild Rye
0.15	Eupatorium rugosum	White Snake Root
0.15	Festuca obtusa	Nodding Fescue
0.5	Glyceria striata	Flow Manna Grass
0.25	Impatiens capensis	Orange Jewelweed
0.25	Leersia oryzoides	Rice Cut Grass
0.15	Penstemon digitalis	Foxglove Beardtongue
0.15	Phlox divaricata	Wild Sweet Williams
0.15	Polygonatum canaliculatum	Smooth Solomon's Seal
0.15	Pycnanthemum virginianum	Common Mt Mint
0.44	Rudbeckia laciniata	Green Coneflower
0.031	Solidago flexicaulis	Zigzag Goldenrod
0.031	Solidago gigantea	Late Goldenrod
0.125	Solidago ulmifolia	Elm—leaf Goldenrod
0.31	Veronicastrum virginicum	Culver's Physic
0.062	Zizia aurea	Golden Alexander

### TABLE 4

Open Floodplain Seed Mix		
Scientific Name	Common Name	
Andropogon gerardii	Big Bluestem	
Andropogen scoparius	Little Bluestem	
Aster novae—angliae	New England Aster	
Bidens cernua	Nodding Bur Marigold	
Calamagrostis canadensis	Blue Joint Grass	
Carex vulpinoidea	Fox Sedge	
Echinacea pallida	Pale Purple Coneflower	
Elymus canadensis	Canada Wild Rye	
Eupatorium maculatum	Spotted Joe Pye Weed	
Eupatorium perfoliatum	Thoroughwort	
Glyceria striata	Fowl Manna Grass	
Panicum virgatum	Prairie Switch Grass	
Pycnanthemum virginianum	Common Mt Mint	
Rudbeckia hirta	Black Eyed Susan	
Silphium laciniatum	Compass Plant	
Silphium terebinthinaceum	Prairie Dock	
Solidago rigida	Stiff Goldenrod	

### TABLE 5

Lawn Seed Mix		
Amount	Species	
49.62%	Kentucky Bluegrass	
24.83%	Perennial Ryegrass	
24.68%	Creeping Red Fescu	

### TABLE 10

Fen Seed Mix			
Scientific Name	Common Name		
Acorus americanus	Sweet Flag		
Angelica atropurpurea	Angelica		
Asclepias incarnata	Swamp Milkweed		
Aster novae—angilae	New England Aster		
Aster puniceus	Swamp Aster		
Aster puniceus firmus	Shining Aster		
Calamagrostis canadensis	Blue Joint Grass		
Caltha palustris	Marsh Marigold		
Carex bebbii	Bebb's Sedge		
Carex hystericina	Procupine Sedge		
Carex pellita	Broad Leaved Woolly Sedge		
Carex stipara	Awl-fruited Sedge		
Carex stricta	Strict Sedge		
Chelone glabra	Turtlehead		
Eupatorium maculatum	Spotted Joe Pye Weed		
Eupatorium perfoliatum	Thoroughwort		
Iris virginica shrevei	Blue Flag		
Juncus dudleyi	Dudley's Rush		
Liatris spicata	Spike Blazingstar		
Lobelia siphilitica	Blue Lobelia		
Lycopus americanus	Common Water Horehound		
Onoclea sensibilis	Sensitive Fern		
Pedicularis lanceolata	Swamp Betony		
Rumex orbiculatus	Great Water Dock		
Pycnanthemum virginianum	Common Mt Mint		
Scirpus acutus	Hard Stem Bulrush		
Scutellaria epilobilfolia	Marsh Skullcap		
Silphium perforliatum	Cup Plant		
Solidago gigantea	Late Goldenrod		

TABLE 6					
Rye and C	Oats Seed Mix				
Lbs/Acre	Species				
100	Spring Oats				
50	Annual Rye				

Common Ironweek

	4-Rye Seed Mix				
Lbs/Acre		Scientific Name	Common Name		
	5	Elymus canadensis	Canada Wild Rye		
	2	Elymus riparius	Riverbank Rye		
	2	Elymus trachycaulus	Slender Wild Rye		
	7	Elymus virginicus	Virginia Wild Rye		

Project Mgr. Designed by Drawn by

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TABLE 7

Wet Mesic Plant Plugs				
Scientific Name	Common Name	Total Planted		
Eupatorium maculatum	Spotted Joe Pye Weed	309		
Gentiana andrewsii	Bottle Gentian	309		
Helenium autumnale	Sneezeweed	618		
Lobelia siphilitica	Blue Lobelia	309		
Pycnanthemum virginianum	Common Mountain Mint	310		
Total		1855		

TABLE 8

RECORD DRAWINGS

TO THE BEST OF OUR KNOWLEDGE, INFORMATION AND BELIEF, THESE RECORD DRAWINGS SUBSTANTIALLY REPRESENT THE PROJECT AS CONSTRUCTED.

(RECORD DRAWING: MADE FROM DRAWING NO. B-13, TRACER NO. 71004060/REACH5E-6/71004G11.DWG, DATED 10/22/07)

TABLE 9

Emergent Plant Plugs

Scientific Name

Alisma subcordatum

Carex scoparia

Carex vulpinoidea

Iris virginica shrevei

Pontederia cordata

Saggitaria latifolia

Scirpus atrovirens

Scirpus validus

Acorus calamus

Common Name

Sweet Flag

Common Water Plantain

Pointed Broom Sedge

Fox Sedge

Blue Flag

Pickerel Weed

Common Arrowhead

Dark Green Rush

Great Bulrush

Total Planted

327

327

327

327

327

327

327

328

328 2945

DATE 9-30-09 BY MOG

B0071030.0000.00036

**ARCADIS** 

ARCADIS U.S., INC.

**VEGETATION SPECIFICATION** 

TRONOX LLC • KRESS CREEK/WEST BRANCH Dupage RIVER SITE RECORD DRAWING — REACHES 5E AND 6

Date OCTOBER 2009 ARCADIS 6723 Towpath Road PO BOX 66 Syracuse, NY 13214-0066

ORIGINAL SCALE APPLIES TO 22"X34" DRAWING Professional Engineer's Name MARK OWEN GRAVELDING NOT TO SCALE Professional Engineer's No. 062059378 1 9/30/09 RECORD DRAWING Date Signed USE TO VERIFY FIGURE REPRODUCTION 9-30-09 ILLINOIS Date Revisions REPRESENTS ONE INCH ON THE

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SUMMARY TABLES - REACH 6